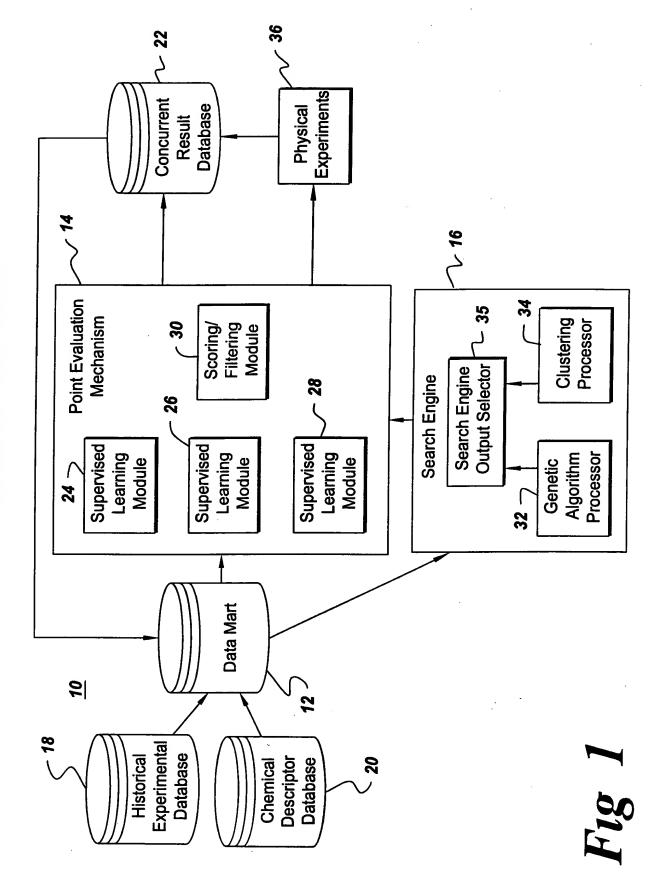
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Ava TON	1802	1711	1698	1671	1670	1645	1645	1645	1645	1645	1623	1621	1614	1578	1550	1539	1530	1521	1516	1500	1506
Zn	Т) C	0	C	0	0	0	0	0	0	0	0	0	0	0	4-	0	C	0	٥	0
Ϋ́	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	C	C	, c	0
Tio	0	C	0	0	0	0	-	7	7	0	0	0	0	4-	0	0	0	-	C	0	0
R.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	~	0	0	1	0
돈	0	0	0	0	0	-	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0
ReO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Z	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mu	0	0	0	0	0	0	0	0	0	~	0	0	0	0	0	0	0	~	0	~	0
La	0	~	0	-	0	0	0	0	0	0	-	~	~	0	0	0	0	~	0	0	0
=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
드	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
рg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fe	7	-	-	~	0	0	0	0	0	0	-	1	0	0	0	0	0	0	0	0	-
Eu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D C	0	0	0	0	0	0	0	0	0	0	0	1	0	0	~	0	0	0	7	0	-
S	1	0	7	7	1	7	-	-	0	0	0	0	0	0	7	0	0	0	0	0	0
ර්	0	0	0	0	0	0		\circ	0	0	0	0	0		0	0	0	0	0	0	0
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පී	7	0	0	0	~	-	~	0	-	0	~	0	~	4 -	0	0	0	1	0	0	7
පි	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ca	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	-	0	0	0	0	0
Bi	0	7	7	0	-	0	0	0	0	~	0	0	~	0	~	0	0	0	-	-	0
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§ \	Metal	Electro- negativity	Atomic Radius	Covalent Radius	lonization Potential	Atomi	c Ioniz	ation Po	otential	Electron Affinity
\sim	Bi	1.67	1.7	1.46	7.29	7.29	16.16	25.56	45.3	0.95
4	Ca	1.04	1.97	1.74	6.11	6.11	11.9	50.908	67.1	0.18
	Cd	1.46	1.54	1.48	9	8.99	16.91	37.48	NA	NA
	Се	1.06	1.81	1.65	5.53	5.47	10.85	20.2	36.72	NA
	Co	1.7	1.3	NA	7.87	7.86	17.06	33.5	51.3	0.662
	Cr	1.56	1.27	NA	6.76	6.76	16.5	30.96	49.1	0.666
	Cs	0.86	2.67	2.25	3.89	3.89	25.1	NA	NA	0.47
ı	Cu	1.75	1.28	1.38	7.73	7.726	20.29	36.83	55.2	1.235
	Eu	1.01	2.04	1.85	5.68	5.67	11.25	24.9	NA	NA
	Fe	1.64	0.68	0.72	7.9	7.87	16.18	30.65	54.8	0.151
	Ga	1.82	1.4	1.26	6	6	20.51	30.71	64	0.3
	In	1.49	1.66	144	5.79	5.78	18.87	28.03	54	0.3
	Ir	1.55	1.36	NA	9	9.1	NA	NA	NA	1.565
	La	1.08	1.86	1.69	5.61	5.57	11.06	19.1	NA	NA
	Mn	1.6	1.26	NA	7.43	7.43	15.64	33.66	51.2	NA
	Ni	1.75	1.24	NA	7.63	7.63	18.17	35.17	54.9	1.156
	Pb	1.55	1.75	1.47	7.417	7.416	15.032	31.94	42.32	NA
	Re	1.46	1.37	NA	7.87	7.9	NA	NA	NA	0.15
	Rh	1.45	1.34	NA	7.46	7.46	18.08	31.06	NA	1.137
	Ru	1.42	1.33	NA	7.37	7.37	16.76	28.47	NA	1.05
	Sb	1.82	1.5	1.38	8.641	8.64	16.53	25.3	44.2	NA
	Sn	1.72	1.5	1.41	7.344	7.34	14.63	30.5	40.7	NA
	Ti	1.32	1.45	1.36	6.82	6.82	13.58	27.49	43.26	0.079
	Yb	1.06	1.93	1.7	6.22	6.25	12.17	25	NA	0.5
	Zn	1.66	1.38	1.31	9.39	9.394	17.964	39.722	59.4	NA
l	Zr	1.22	1.6	1.48	6.835	6.84	13.13	22.99	34.34	NA

Fig. 3

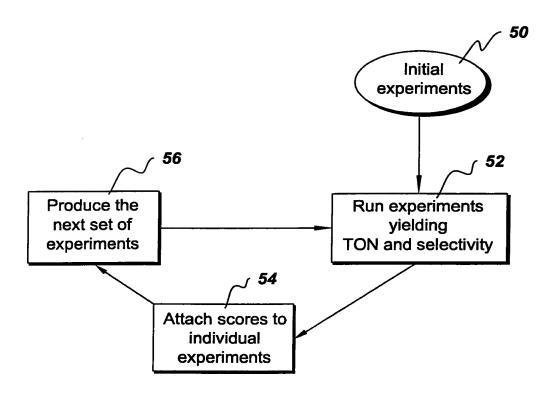


Fig. 4

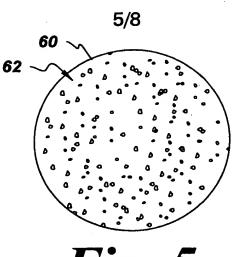


Fig. 5

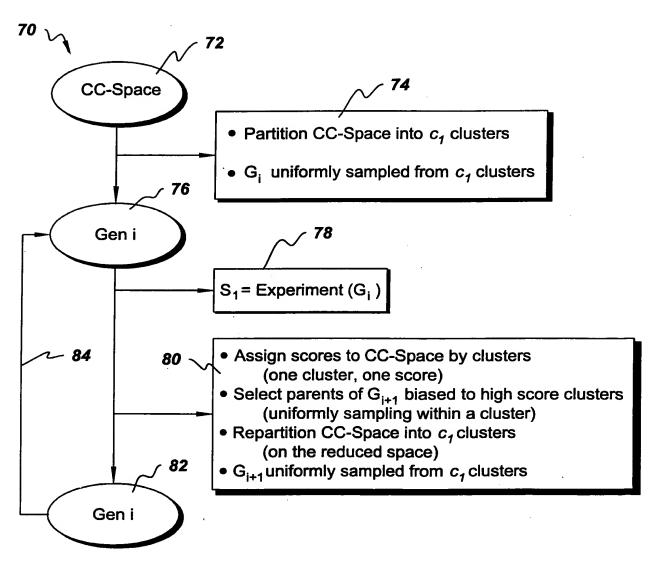
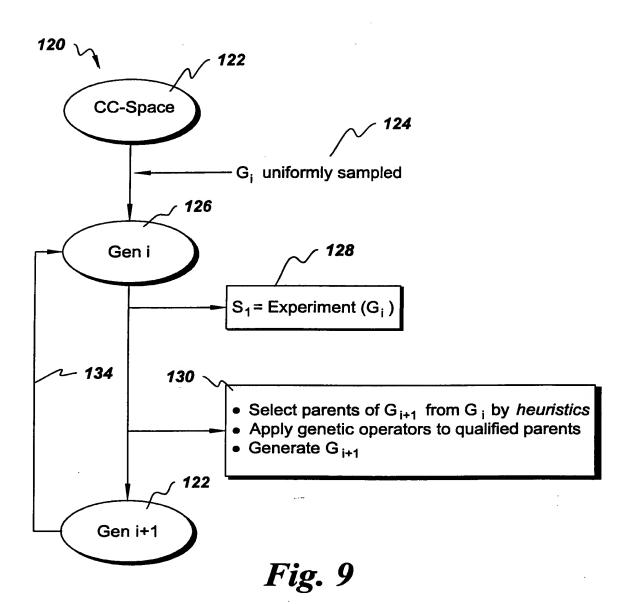


Fig 6



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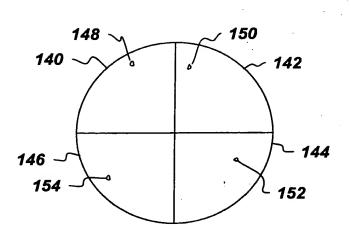


Fig. 10

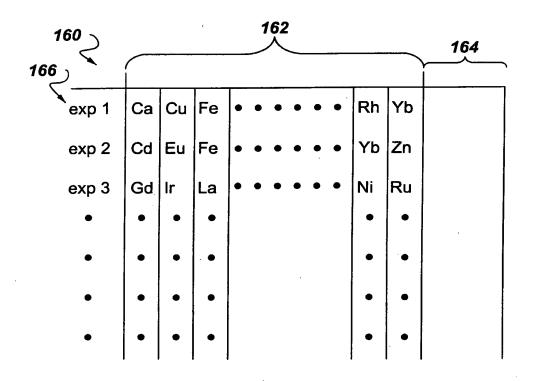


Fig. 11

